



***THE NUMBER OF LIFTING BARS SHALL BE BASED ON 54 KIPS PER EACH 1 3/8" Ø BAR.

SYMM. ABOUT TRAPEZOIDAL TUB SPLICED GIRDER

SAWTEETH (SEE SAWTOOTH DETAILS THIS SHEET)

TYPICAL END ELEVATION

EXTENDED STRANDS NOT SHOWN.
USE SAWTOOTH KEYS FROM BOTTOM OF BOTTOM FLANGE TO BOTTOM OF LOWEST HARPED STRANDS.

P.C. SECTION

* SMOOTH FINISH ON TOP OF GIRDER

BENDING DIAGRAM

MARK	LOCATION	SIZE	U	W	X	ALL DIMENSIONS ARE OUT TO OUT
G1	STIRRUPS, OUTSIDE WEB	5				* = VARIES FOR SKEWED SPANS NOTE: FOR DIMENSION "A", SEE "GIRDER SCHEDULE" # #4 MAY BE SUBSTITUTED FOR W12, FIELD BENDING IS OPTIONAL
G2	STIRRUPS, INSIDE WEB	5				
G3	LONGITUDINAL BOTTOM FLANGE	4				
G4	TOP WEB LONGITUDINAL	6				
G5	LONGITUDINAL WEB	5				
G6	WEB TIE	W12				
G7	WEB	4				
G8	TOP TRANS. TIE	4				

8" (TYP.)
2'-6" (TYP.)

G1

G2

G8

FIELD BEND

G6

FIELD BEND ALT. SIDES

G7

Bridge Design Engr.	M:\STANDARDS\Girders\PT Trapezoidal Tube\SIP PT TRAPEZOIDAL TUB 3.MAN	REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
Supervisor		10	WASH.			
Designed By		JOB NUMBER				
Checked By						
Detailed By						
Bridge Projects Engr.						
Prelim. Plan By						
Architect/Specialist	DATE	REVISION	BY	APPD		

BRIDGE AND STRUCTURES OFFICE



STANDARD PRESTRESSED CONCRETE GIRDERS

TRAPEZOIDAL TUB S-I-P DECK PANEL SPLICED GIRDERS - DETAILS 3 OF 5